

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

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	Applicant's or agem's (if desired) (12 charact		
Box No. 1 TITLE OF INVENTION A NOVEL PROCESS FOR AMORPHOUS FOR	M OF DONEPEZI	L HYDROCH	ILORIDE
Box No. II APPLICANT This perso	n is also inventor		
Name and address: (Femily name followed by given name; for a legal ent The address must include postal code and name of country. The country of l Box is the applicant's State (that is, country) of residence if no State of residen	he address indicated in this	Telephone No. 0091-40-2	3714249
HETERO DRUGS LIMITED	·	Facsimile No.	
Hetero House, 8-3-166/7/1, Erragadda,		Teleprinter No.	
Hyderabad-500 018,			
Andhrapradesh, India.		Applicant's regis	stration No, with the Office
State (that is, country) of nationality:	State (that is, country)	of residence:	eller (n. le seriente) (m. le (n. le
This person is applicant all designated all designated for the purposes of: States the United S		the United States of America only	the States indicated in the Supplemental Box
Box No. III FURTHER APPLICANT(S) AND/OR (FURT	HER) INVENTOR(S)		
Name and address: (Family name followed by given name: for a legal end. The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) afresidence if no State of resident PARTHASARADHI, reddy bandi. Hetero House, 8-3-166/7/1, Erragadda, Hyderabad-500 018, Andhrapradesh.	he address indicated in this	inventor	nt only nt and inventor conly (If this check-box rd, do not fill in below.)
India.		Applicant's regis	stration No. with the Office
State (that is, country) of nationality: IN	State (that is, country) IN	of residence;	
This person is applicant all designated all designated for the purposes of: all designated the United S	d States except tates of America	the United States of America only	the States indicated in the Supplemental Hox
X Further applicants and/or (further) inventors are indicated or	on a continuation sheet.		
Box No. IV AGENT OR COMMON REPRESENTATIVE	; OR ADDRESS FOR	CORRESPOND	ENCE
The person identified below is hereby/has been appointed to act of the applicant(s) before the competent International Authorities		ageni	common representative
Name and address: (Family name fallowed by given name; for a legal ent The address must include postal code and name of co	iy, full official designation. ountry.)	Telephone No. 0091-40-23	3774009
RATHNAKAR, reddy kura		Facsimile No.	
Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar,		784. 4	
Hyderabad-500 018,	Teleprinter No.		
Andhrapradesh,		Agent's registrat	ion No. with the Office
India.		J	
Address for correspondence: Mark this check-box where space above is used instead to indicate a special address to	no agent or common rep which correspondence s	resentative is/has hould be sent.	been appointed and the

Form PCT/RO/101 (first sheet) (March 2001; reprint January 2003)

See Notes to the request form

Sheet	Min		2	

Continuation of Box No. 111 FURTHER APPLICANT(S) AND	WOR (FURTHER) INVENTOR(S)
If none of the following sub-boxes is used, this sheet should not be	* * * * * * * * * * * * * * * * * * *
Name and address: (Family name followed by given name: for a legal entity, find the address must methode postal code and name of country. The country of the address must methode postal code and name of country. The country of the address the applicant's State (that is, country) of residence if no State of residence is to RATHNAKAR, reddy kura. Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad-500 018, Andhrapradesh, India.	ll official designation. This person is:
	ate (that is, country) of residence:
This person is applicant all designated all designated States for the purposes of: States	es except the United States the States indicated in the Supplemental Box
Name and address: (Family name followed by given name; for a legal entity, full The address must include postal code and name of country. The country of the address must include postal code and name of country. The country of the address the applicant's State (that is, country) of residence if no State of residence is in RAJI, reddy rapolu Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad-500 018, Andhrapradesh, India.	brace indicated in this
State (that is, country) of nationality: State (that is, country) of nationality: State (that is, country) of nationality:	ate (that is, country) of residence:
This person is applicant all designated all designated State for the purposes of: States all designated the United States of	
Name and address: (Family name followed by given name; for a legal entity, fidning address must include postal code and name of country. The country of the address must include postal code and name of country. The country of the address the applicant's State (that is, country) of residence if no State of residence is in NARASA, reddy bolla Hetero House, 8-3-166/7/1, Erragadda, Hyderabad-500 018, Andhrapradesh, India.	ress indicated in this
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This person is applicant all designated all designated States all designated States of the purposes of:	es except f America The United States the States indicated in the Supplemental Box
Name and address: (Family name followed by given name; for a legal entity, full The address must include postal code and name of country. The country of the add. Box is the applicant's State (that is, country) of residence if no State of residence is the MURALIDHARA, reddy dasari Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad-500 018, Andhrapradesh, India.	ress indicated in this
State (that is, country) of nationality: State (that is, country) of nationality: IN	te (that is, country) of residence:
This person is applicant for the purposes of: all designated states all designated States are the United States or	
Further applicants and/or (further) inventors are indicated on and	other continuation sheet.

Box	No	N/	DESIGNATION
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F STATES

Mark the applicable check-boxes below; at teast one must be marked.

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T	e fol	lowing designations are hereby made	un(der R	ule 4.9(a):			
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X	EP	Republic, DE Germany, DK Denn IE Ireland, IT Italy, LU Luxembor	ıari ırg,	, EE MC	n, BG Bulgaria, CH & LI Switzerlar Estonia, ES Spain, FI Finland, FR Monaco, NL Netherlands, PT Portu Contracting State of the European P	Fra gel,	nce, SE	GB United Kingdom, GR Greece, Sweden, SI Slovenia, SK Slovakia.
X	O.A	GAPI Patent: BF Burkina Faso, GA Gabon, GN Guinea, GQ Equa TD Chad, TG Togo, and any other	BJ tori Sta	Beni ial G ite w	n, CF Central African Republic, CG uinea, GW Guinea-Bissau, ML Mai hich is a member State of OAPI and in doited line).	i Co ii, M a Co	ngo IR N	, CI Côte d'Ivoire, CM Cameroon, Mauritania, NE Niger, SN Senegal, ecting State of the PCT (if other kind
N	ation	ial Patent (if other kind of protection	or	trea	ment desired, specify on dotted line).			
		United Arab Emirates	X	GN	I Gambia	X	NZ	New Zealand
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		China						Turkmenistan
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Ch	eck-i	baxes below reserved for designating	Sta	ies w	hich have become party to the PCT a	ifter	issu	sance of this sheet:

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i'r	ecaut	tionary Designation Statement: In	ado	ution	to the designations made above, the	apr	ilica	nt also makes under Rule 4.9(b) all

Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

Sheet No.	4
W11001 1 113.	1 .

Box No. VI PRIORITY				
The priority of the following	earlier application(s) is here	by claimed:		
Filing date	Number	\	Where earlier application	is:
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office
item (!)				
item (2)				
(tem (3)				
item (4)				
item (5)				
Further priority claims	are indicated in the Suppleme	ental Box.	:	
The receiving Office is requifihe earlier application was above as:	ested to prepare and transmit filed with the Office which for	to the International Buren the purposes of this interne	u a certified copy of the affonal application is the	earlier application(s) (only receiving Office) identified
all items item ((1)	item (3) 🔲 item	(4)	Other, see Supplemental Box
* Where the earlier application industrial Property or one M	on is an ARIPO application, it tember of the World Trade Or	ndicate at least one country rganization for which that i	y party to the Paris Conve earlier application was fi	ention for the Protection of led (Rule 4.10(b)(ii)):
V	· · · · · · · · · · · · · · · · · · ·			
Box No. VII INTERNAT	TONAL SEARCHING AU	IMORITY		
international search, indicate	arching Authority (ISA) (if in the Authority chasen; the two	two or more International S >letter code may be used):	Searching Authorities are	competent to carry out the
ISA / .AT			***********	
International Searching Auth	irlier search; reference to t ority):			ut by or requested from the
Date (day/monild/year)	Numb	oer Cour	ntry (or regional Office)	
Box No. VIII DECLARA	TIONS			
	are contained in Boxes Nos. site in the right column the nut			Number of declarations
Box No. VIII (i)	Declaration as to the identi	ty of the inventor		:
Box No. VIII (ii)	Declaration as to the appli date, to apply for and be g		e international filing	:
Box No. VIII (iii)	Declaration as to the appl date, to claim the priority		he international filing	:
Box No. VIII (iv)	Declaration of inventorshi United States of America)		f the designation of the	: 1
Box No. VIII (v)	Declaration as to non-prej	udicial disclosures or exce	eptions to lack of novelty	<i>;</i>

IX No. VIII (ii) DECLARATION: ENTITLEMENT TO APPLY FOR AND BE GRANTED A PATENT

The declaration must conform to the standardized wording provided for in Section 212; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (ii). If this Box is not used, this sheet should not be included in the request.

Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(iii), in a case where the declaration under Rule 4.17(iv) is not appropriate:

in relation to this international application,

HETERO DRUGS LIMITED is entitled to apply for and be granted a patent by virtue of the following:

HETERO DRUGS LIMITED is entitled as employer of the inventors, PARTHASARADHI, reddy bandi; RATHNAKAR, reddy kura; RAJI, reddy rapolu; NARASA, reddy bolla; MURALIDHARA, reddy dasari.

This declaration is made for the purposes of all designations, except the designation of the United States of America.

This declaration is continued on the following sheet, "Continuation of Box No. VIII (ii)".



ATION: INVENTORSHIP (only for the purposes of the designation of the United States of America) Box No. VIII (iv) DECL The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

Declaration of inventorship (Rules 4.17(iv) and 51bls.1(a)(iv))

for the purposes of the designation of	of the United States of America:
I hereby declare that I believe I am the original, first and sole (if only is listed below) inventor of the subject matter which is claimed and	one inventor is listed below) or joint (if more than one inventor for which a patent is sought.
This declaration is directed to the international application of which	it forms a part (if filing declaration with application).
This declaration is directed to international application No. PCT/ to Rule 26ter).	(if furnishing declaration pursuant
I hereby declare that my residence, mailing address, and citizenship	are as stated next to my name.
I hereby state that I have reviewed and understand the contents of the of said application. I have identified in the request of said application, and I have identified below, under the heading "Prior Applications," Organization, day, month and year of filing, any application for a pate States of America, including any PCT international application design having a filing date before that of the application on which foreign I	in compliance with PCT Rule 4.10, any claim to foreign priority, by application number, country or Member of the World Trade at or inventor's certificate filed in a country other than the United ating at least one country other than the United States of America,
Prior Applications:	
***************************************	· · · · · · · · · · · · · · · · · · ·
I hereby acknowledge the duty to disclose information that is 1 37 C.F.R. § 1.56, including for continuation-in-part applications, mate of the prior application and the PCT international filing date of the continuation.	erial information which became available between the filing date
I hereby declare that all statements made herein of my own knowledg are believed to be true; and further that these statements were made made are punishable by fine or imprisonment, or both, under Section false statements may jeopardize the validity of the application or an	with the knowledge that willful false statements and the like so 1001 of Title 18 of the United States Code and that such willful
Name: PARTHASARADHI, reddy bandi	·
(city and either US state, if applicable, or country)	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Mailing Address: Hetero drugs limited, Hetero House, 8-3-	166/7/1, Erragadda, Hyderabad-500 018
Andhrapradesh, India	• • • • • • • • • • • • • • • • • • • •
Citizenship: India	
Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	Date: 1/O4/2003. (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)
Name: RATHNAKAR, reddy kura	
Residence: Hyderabad, India (city and either US state, if applicable, or country)	
Mailing Address: Hetero drugs limited (R & D), Plot No. 8-	80 & 81, A.P.I.E., Balanagar,
Hyderabad-500 018, Andhrapradesh, Ind	iia ***********************************
Citizenship: India	
Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	Date: 1-04-2005 (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 261er after the filing of the international application)





Continuation of Box No. VBI (i) to (v) DECLARATION

If the space is insufficient in any of Boxes Nos. VIII (i) to (v) to furnish all the information, including in the case where more than two inventors are to be named in Box No. VIII (iv), in such case, write "Cantinuation of Box No. VIII ..." (indicate the item number of the Box) and furnish the information in the same manner as required for the purposes of the Box in which the space was insufficient. If additional space is needed in respect of two or more declarations, a separate continuation box must be used for each such declaration. If this Box is not used, this sheet should not be included in the request.

"Continuation of Box No. VIII (iv)"

Name: RAJI, reddy rapolu. Residence: Hyderabad, India.

Mailing Address: Hetero drugs limited (R & D), Plot No. B-80 & 81, A.P.I.E.,

Balanagar, Hyderabad-500 018, Andhrapradesh, India.

Citizenship: India

Inventor's Signature:

Date: ----

Name: NARASA, reddy bolla. Residence: Hyderabad, India.

Mailing Address: Hetero drugs limited, Hetero House, 8-3-166/7/1, Erragadda,

Hyderabad-500 018, Andhrapradesh, India.

Citizenship: India

Inventor's Signature:

Date: 01-04-8003

Name: MURALIDHARA, reddy dasari.

Residence: Hyderabad, India.

Mailing Address: Hetero drugs limited (R & D), Plot No. B-80 & 81, A.P.I.E.,

Balanagar, Hyderabad-500 018, Andhrapradesh, India.

Citizenship: India

Inventor's Signature:

Date: 01/4/03

TAAAT	No	



Box No. IX CHECK LIST, LANGUAGE	OF FILI	NG	
This international application contains: (a) in paper form, the following number of sheets:	l item(s)	ternational application is accompanied by the followin (mark the applicable check-boxes below and indicate in shown the number of each item):	g Numbe of nen
request (including		fee calculation sheet	;
declaration sheets); 8	2. 🗆	original separate power of attorney	:
description (excluding sequence listings and/or	3.	original general power of attorney	
tables related thereto) : 3	4. 🗆	copy of general power of attorney; reference number	•
claims : 1		•	
abstract : 1	5. 📙		:
drawings ; 1	0. [priority document(s) identified in Box No. VI as item(s):	
Sub-total number of sheets: 14 sequence listings:	7. 🗆	translation of international application into flanguage):	
tables related thereto : (for both, actual number of	8. 🗆	separate indications concerning deposited microorgas or other biological material	
sheets if filed in paper form, whether or not also filed in	9. 🗆	sequence listings in computer readable form (indicate type and number of carriers)	•
computer readable form; see (c) below)	(i)	copy submitted for the purposes of international se Rule 13ter only (and not as part of the international	arch under
Total number of sheets: 14	(ii)	[[(anh) where check-hox (b)(i) or teltil is marked in left	rolumni
(b) only in computer readable form (Section 801(a)(i))	660	additional copies including, where applicable, the purposes of international search under Rule 13ter logether with relevant statement as to the identity of	
(i) sequence listings (ii) tables related thereto		copies with the sequence listings mentioned in left	column ;
(c) also in computer readable form (Section 801(a)(ii))		tables in computer readable form related to sequence he (indicate type and number of carriers)	**
(i) sequence listings (ii) tables related thereto	(1)	copy submitted for the purposes of international se Section 802(b-quater) only (and not as part of the implication)	arch under nternational
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the	(ii)	[In the second s	fi column) copy for the (b-guater)
sequence listings:	(iii)	together with relevant statement as to the identity of copies with the tables mentioned in left column	f the copy or
(additional copies to be indicated under items 9(ii) and/or 10(ii), in right cohenn)		other (specify):	
Figure of the drawings which should accompany the obstract:		ge of filing of the English	
Box No. X SIGNATURE OF APPLICAN Next to each signature, indicate the name of the person sign	Γ, AGEN ring and the	T OR COMMON REPRESENTATIVE capacity in which the parson signs (if such capacity is not abvious)	from reading the request,
(PARTHASARADHI, reddy bandi) (RATHN	AKAR neggý kura) (RAJI, reddy raj	
(2000)	_	$E_{\mathbf{x}}$. 1
(NACASA, reodylballa) (MU	, -	(MURALIDHARA, ARA, reddy dasari) (HETERO DRUĆ	
	— For n	eceiving Office use only	
Date of actual receipt of the purported international application:			2. Drawings:
 Corrected date of actual receipt due to later to timely received papers or drawings completing the purported international application; 			received:
Date of timely receipt of the required corrections under PCT Article [1(2):			not received:
International Searching Authority (if two or more are competent): ISA /		6. Transmittal of search copy delayed until search fee is paid	
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